



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
www.uspto.gov

BIBDATASHEET

CONFIRMATION NO. 3886

Bib Data Sheet

SERIAL NUMBER 10/653,519	FILING DATE 09/02/2003 RULE	CLASS 415	GROUP ART UNIT 3745	ATTORNEY DOCKET NO. 133040
-----------------------------	-----------------------------------	--------------	------------------------	----------------------------------

APPLICANTS

Ronald Eugene McRae JR., Cincinnati, OH;

Sean Robert Keith, Fairfield, OH;
Gulcharan Singh Brainch, West Chester, OH;

** CONTINUING DATA *****

N/A DOW

** FOREIGN APPLICATIONS *****

N/A DOW

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 11/21/2003

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	STATE OR COUNTRY OH	SHEETS DRAWING 4	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
Verified and Acknowledged Examiner's Signature	<i>DOW</i>	Initials			

ADDRESS

John S. Beulick
 Armstrong Teasdale LLP
 Suite 2600
 One Metropolitan Square
 St. Louis , MO
 63102

TITLE

Methods and apparatus for cooling gas turbine engine rotor assemblies

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
RECEIVED 750		